

21. **Allowable Emissions:** The Permittee shall not allow emissions into the atmosphere to exceed of any of the following limits:
22. **Production/Usage Limitations:**
- a. The Permittee shall limit the materials used in the cold mix plant to soils containing VOCs with a vapor pressure at ambient temperature of less than 1.5 pounds per square inch absolute (psia). For the purposes of this subsection only, VOCs shall mean volatile organic compounds which evaporate at 500 °F (260 °C) or less as determined by the appropriate test method. If cutback products are used the appropriate test method shall be ASTM Method D 402-76. If emulsified products are used, the appropriate test method is ASTM Method D 244-89.
  - b. The Permittee shall control and limit VOC content of both the soils and the asphalt used in the portable cold mix plant so that the following criteria of Rule 340 are met:
    1. The VOC contents of the soil plus the VOC content of any cutback asphalt material, road oils, or tar shall not exceed 0.5 % of the volume of the asphalt material, road oils or tar used.
    2. The VOC contents of the soil plus the VOC content of any emulsified asphalt or emulsified tar shall not exceed 3.0 % of the volume of the emulsified asphalt or emulsified tar used.
    3. No rapid cure cutback asphalt may be used.The requirements of this subsection do not apply for any asphaltic/bituminous material produced in Maricopa County for shipment and use outside of Maricopa County if the Permittee clearly labels each container of material entitled to such exemption or immediately, during normal business hours, provides the Control Officer with shipping records demonstrating that the material is not for use within Maricopa County.
23. **Record Keeping:** The Permittee shall keep the following records for each batch of soil processed through the cold mix plant:
- a. The quantity of soil processed.
  - b. The legal owner and address of the site where the contaminated soil originated.
  - c. The type and vapor pressure, expressed in psia, of the VOCs in the soil.
  - d. The volume of VOCs, as defined in paragraph 2-b above, in the soil.
  - e. Whether the asphaltic or other blending material is a cutback or emulsified product.
  - f. The quantity of asphaltic or other blending material used.
  - g. The volume of VOCs, as defined in paragraph 22-b above, in the asphaltic or other blending material used.
  - h. The volume of the VOCs, as defined in paragraph 22-b above, which are in the final product

- i. Any other data which is necessary to demonstrate compliance with these Permit Conditions.
24. **Other:** The Permittee shall limit the emissions as follows:
- a. Stack emissions shall not contain more than 0.04 grains per dry standard cubic foot (90 milligrams per dry standard cubic meter) of particulate matter.
  - b. Fugitive dust emissions exceeding 20 % opacity from any other affected operation or process source.
  - c. Except for the asphalt storage tank, no heat shall be applied to the process.